

CDC SBIR Phase I Awardees FY2011- FY2015

Contracts

Year	Vendor	Project Title
2011	CARACAL, INC./BRIGHT OUTCOMES	A Guideline Based Tool for Increasing Cancer Screening Rates
2011	APPLIED DECISIONS SCIENCE, LLC	A Guideline Based Tool for Increasing Cancer Screening Rates
2011	SID TECHNOLOGIES, LLC	Development of a new disabling device for use in human intradermal immunization programs
2011	CREARE, INC.	Development of an extremely efficient nebulizer for intranasal vaccination
2012	IMMUNO-MYCOLOGICS, INC.	Point-of-care immunoassay for diagnosis of cryptococcosis in HIV/AIDS from whole blood
2012	GLOBAL HEALTH DATA SYSTEMS, LLC	Development of a healthcare oriented, multi-platform, mobile application for adverse event surveillance
2012	INFOTECH SOFT, INC.	Epidemiology data integration and analysis
2012	OCEAN NANO TECH, LLC	Quantum Dots for Quantitative Multiplex strips test for Folate and Surrogate Metabolites.
2012	LYNN TECH, INC.	A POC Field Test for the Rapid Determination of Folate Insufficiency
2012	INBIOS INTERNATIONAL, INC.	Development of Blood Donor Screening for Babesiosis
2012	INTELLIGENT AUTOMATION, INC.	A Novel Early Alert System for Emergency Vehicle Proximity
2013	NANOCOMPOSIX	An Inexpensive Diagnostic Device Designed to Aid the Mapping, Treatment, and Elimination of All Filariases
2013	HDOX BIOINFORMATICS, INC.	Integration Toolkit for Eliminating Double Data Entry
2013	NATIONAL HEALTH PROMOTION ASSOCIATION, INC.	National Phone App for Linking Adolescents to Local Pregnancy Prevention Resources
2013	METAMEDIA TRAINING INTERNATIONAL, INC.	SmartAPPT-Teen Pregnancy Prevention
2013	MERIDIAN LIFE SCIENCES, INC.	Optimization of Rotavirus Vaccine Production

2013	A&Q NANODESIGNS	Smooth Dissolving Tablet Formulation for Measles Vaccine
2013	UNIVERSAL STABILIZATION TECHNOLOGIES, INC.	Tablets for Sublingual Delivery of Measles Vaccines
2013	AKTIV-DRY	Thermostable Sublingual Measles Vaccine Dry Wafers
2013	MESOSCALE DIAGNOSTICS	Portable MULTI-ARRAY Test for Recent HIV Infection
2013	BIOMATRICA, INC.	Stabilization of Analytes in Blood Cells and Plasma
2013	LUNA INNOVATIONS, INC.	Collection and Transport System for Increased Biospecimen Stability and Recovery
2014	HDOX BIOINFORMATICS, INC.	SBIR Phase II: Improving Data, Improving Care, Making it Count, Integration Toolkit for Eliminating Double Data Entry
2014	METAMEDIA TRAINING INTERNATIONAL, INC.	SBIR Phase II: A Mobile Phone Application for Advancing Teen Pregnancy Prevention Mobile Phone App for Linking Adolescents to Local Pregnancy Prevention Resources
2014	MERIDIAN LIFE SCIENCES, INC.	SBIR Phase II: Optimization of Rotavirus Vaccine Production
2014	GUILD ASSOCIATES	Development of novel malaria parasite metabolite-based non-invasive diagnostic biosensor
2014	BASE PAIR BIOTECHNOLOGIES, INC.	Rapid Point-of-Care Tests for Cytomegalovirus (CMV)
2014	ARCHIE MD INC.	iPad App for Improving Embryo Transfer Practices
2014	KC INDUSTRIES, LLC	Development of Pills or Tablets to Expedite Water Fluoridation
2014	AZAVEA, INC.	Promoting Regular Physical Activity for Older Adults through "Wayfinding" Technology
2014	QOOLABS, INC.	Development of a Biomarker Based assay for Hepato cellular Carcinoma -- Rapid test for HCV Core Antigen
2014	OCEAN NANO TECH, LLC	Magneto- NanoSensor for Detection of Serum Biomarkers Associated with HepatoCellular Cancer
2014	ENGINEERED CARE, INC.	Research and identify a confidential and technologically feasible method to communicate HIV/STD and preventive EOB

		information to young woman through a mobile application
2014	ISIS VENTURES, INC.	Development of a mobile application for homeless youth and providers
2014	COMMONWEALTH INFORMATICS, INC.	Quality-Related eMeasures from EHR Data
2014	ANTAGEN PHARMACEUTICALS	Lab research for the development of human anti-diphtheria Mabs in CHO cells
2014	PLANET BIOTECHNOLOGY INCORPORATED	Lab research for the development of anti-diphtheria antibodies in humans
2014	AGAVE BIOSYSTEMS, INC.	Identification of Patients with Clostridium Difficile Infection, Colonization and/or Reoccurrence
2014	MICROBPLEX, INC.	Antibody Secreting Cells (ASC) in Human Clostridium Difficile Infection, Colonization, and Reoccurrence
2014	OPERATIONAL TECHNOLOGIES CORP.	Aptamers to Detect Fungi in Formalin-Fixed Sections
2014	LUCIGEN CORPORATION	CLIA-waived Point of Care Tests for infection by Coccidioides, Blastomyces and Histoplasma
2014	IMMUNO-MYCOLOGICS	Fluorescent Lateral Flow Assay for Diagnosis of Coccidioidomycosis
2014	NANOSHELL COMPANY	Rapid Detection of Endemic Fungal Infections in the U.S.
2014	FIREBIRD BIOMOLECULAR SCIENCES	Innovative Nucleic Acids to Diagnose Endemic Fungal Infections
2015	VITAN-BIOTECH	SERS and Fluorescent Dual-Mode Dengue Diagnostic Strip Incorporate Novel Nanoparticles
2015	CELLAR DOOR LABS	NutriSnap: OCR Software for Scanning Nutrition Facts Panel
2015	CARERRA BIOSCIENCE	Virus-specific diagnosis of hepatitis infection using isothermal amplification in resource-poor settings
2015	ANTAGEN PHARMACEUTICALS	SBIR Phase II: Development of Anti-Diphtheria Toxin Therapeutic Antibodies for Use in Humans
2015	KC INDUSTRIES LLC	SBIR Phase II: Fluoride Delivery system for Potable Water
2015	MICROBPLEX	SBIR Phase II: Antibody Secreting Cells (ASC) in Human <i>Clostridium difficile</i> Infection, Colonization and Recurrence

2015	QOOLABS, INC	SBIR Phase II: Rapid Test for HCV Core Antigen
------	--------------	--

Grants

Year	Vendor	Project Title
2011	PROTEIN POTENTIAL, LLC	Multi-ligand merozoite invasion blocking malaria vaccine
2011	MOSQUITOMATE, INC.	Biological vector control reducing arboviruses, including Dengue and Chikungunya
2011	ENANTIGEN THERAPEUTICS, INC.	Development of Sulfamoylbenzamide Derivatives as Antiviral Agents against HBV Infection
2011	KADMON CORPORATION, LLC	Treatment of Cytomegalovirus by Inhibition of Host Lipid Synthesis
2011	AGILE SCIENCES, INC.	Small Molecules to Enhance Bacterial Susceptibility to Antiseptics
2011	IMMUNETICS, INC.	Molecular Detection of Invasive Fungal Infections
2011	NAVIGEN, INC.	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry
2011	LYNNTECH, INC.	Arrayed Lateral Flow Biosensor for Rapid Molecular Identification of UTI-Related
2011	IMMUNO-MYCOLOGICS, INC.	Antigen Immunoassay for Diagnosis of Coccidioidomycosis
2011	ALLUVIUM BIOSCIENCES, INC.	A genetic engineering strategy for the improved production of the anti-helminthic
2011	SYSTEMS TECHNOLOGY, INC.	A Peripheral Motion Contrast Test for Predicting Unsafe Older Driver Performance
2011	IRIS MEDIA, INC.	Stamp in Safety: Preventing Injuries on Preschool Playgrounds
2011	MINNESOTA HEALTHSOLUTIONS	Instrumented Child Safety Seat
2011	AMRON CORPORATION	Monitor Hand Hygiene on Patient Contact
2011	PROTEIN POTENTIAL, LLC	Multi-ligand merozoite invasion blocking malaria vaccine
2011	INTELLIGENT OPTICAL SYSTEMS, INC.	Salivary-based Bone-loss Marker Detection Platform for Point-of-Care Screening
2011	3-C INSTITUTE FOR SOCIAL DEVELOPMENT	Mobile Technology & Online Tools to Track Adherence in Chronic Illness Patients

2011	POSITIVEMOTION, LLC	Development of a Stand-Biased School Desk to Reduce Childhood Obesity
2011	MANDALMED, INC.	Model of the Human Testis for Reproductive Toxicology
2011	NOBULL INNOVATION, LLC	Developing a ClO2 Compliance Service: Minimizing Water Borne Microbial Infection
2011	ENERTECHNIX, INC.	Real-time Threshold Exposure Monitor for Particulate Matter and Volatile Organic
2011	BLUE PLANET STRATEGIES, LLC	Value Added Product Generation from ARD
2011	STRATEGIC GOVERNMENT BUS/CONSUL/GROUP	Portable Instrument for Chemifluorescent Detection of Lead in Dust
2011	SEACOAST SCIENCE, INC.	Unattended Vapor Intrusion Monitor
2011	CHEMICA TECHNOLOGIES, INC.	Smart absorption system for removal of toxic, organic chemicals from drinking water
2011	LYNNTECH, INC.	Field Deployable Vapor Intrusion Monitor
2011	LYNNTECH, INC.	Safe and Effective Extraction Process for Contaminated Foods
2011	SOCIOMETRICS CORPORATION	Teen Bullying Prevention across Place and Digital Space: The TOTAL Approach
2011	SFC FLUIDICS, LLC	Portable Brain Injury Biomarker Detection System with Integrated Microdialysis
2011	DIAGNOSTIC CONSULTING NETWORK, INC.	Development of a Field-Deployable Device to Rapidly Measure Blood Cyanide Levels
2011	K AND A WIRELESS, LLC	Smart Communications Infrastructure for First Responders
2011	Q-TRACK CORPORATION	Firefighter Location and Rescue Equipment (FLARE)
2011	Q-TRACK CORPORATION	Correctional Officer Distress Alarm (CODA)
2011	WADDAN SYSTEMS	Wireless Optical Fiber Sensor Network (WOFSNet)for Methane
2011	BLOXR, LLC	Layered Thin Film Radiation Shields
2011	PHYSICAL OPTICS CORPORATION	Magnetic Through-The-Earth Miner Transceiver for Emergency Communications
2011	CELL PODIUM	m-Health for Just-In-Time Occupational Safety Training

2012	PROTEUS DIGITAL HEALTH, INC.	Wirelessly Observed Therapy to Monitor Treatment of Mycobacterium Tuberculosis
2012	PARATECHS CORP.	Enhanced baculovirus vectors with higher titers and increased genome stability
2012	MZ DIAGNOSTICS, INC.	The use of mass spectrometry for rapid detection of carbapenemase-producing bacteria
2012	ANCERA, LLC	Rapid, sensitive and labor-free immunoassays for sepsis based on magnetic nanoflu
2012	RETROVIROX, INC.	Novel Screen to Identify Arenavirus Inhibitors
2012	ARADIGM CORPORATION	In vitro and in vivo efficacy of liposomal ciprofloxacin formulations against Myc
2012	AMPLIX PHARMACEUTICALS, INC.	Developing a New Therapeutic for the Treatment of Invasive
2012	UBICUE, INC.	TeleWellness Solutions for Chronic Conditions
2012	ACCENTS ON HEALTH, INC.	Using Interactive Technology to Promote Healthier Eating in Restaurants
2012	KLEIN BUENDEL, INC.	Location-based Smartphone Technology to Guide College Students Healthy Choices
2012	ISENSE, LLC	Cheap and fast ambient air monitoring of pesticides
2012	23ANDME, INC.	Genetics of Allergic Disease in a Participatory Research Cohort
2012	RESQSYSTEMS, INC.	Reperfusion Injury Protection During Cardiac Arrest: A Novel CPR Method
2012	SILICON BIODEVICES, INC.	Sensitive Measurement of Cardiac Troponin I at Point of Care: The Silicon BioDevice
2012	PLATYPUS TECHNOLOGIES, LLC	Liquid Crystal-Based End-of-Service-Life-Indicator for Toluene Vapor
2012	AVEC, INC.	Quieting of Continuous Miner Scrubber Fan Noise
2012	FARADAY TECHNOLOGY, INC.	Electropolishing of Nitinol Stents in Aqueous, Acid Free Solutions
2012	AEROSOL DYNAMICS, INC.	Size-Resolved Measurement of Ultrafine and Nanometer Particle Concentrations
2013	REFLEXION HEALTH, INC.	Stand Tall- A Virtual Exercise Program for Older Adults

2013	INXSOL, LLC	NIEHS - Device Agnostic Environmental/Agent Data Collection and Integration with
2013	LYNNTECH, INC.	One-Step, POC Sample-to-Answer Process for RNA Analysis Outside the Laboratory
2013	VIRTICI, LLC	A Rapid, Blood RNA Assay for the Diagnosis of Acute Respiratory Infections
2013	ADAPTIVE TECHNOLOGIES, INC.	Refinement of an Insert Hearing Protector Evaluation System Based on the NIOSH Qu
2013	PHYSICAL OPTICS CORPORATION	Light-Alarming Personal Noise Dosimeter System
2014	INNOVATIVE DESIGN LABS, INC.	A Driver Exclusive Interlock Device to Eliminate Distraction from Mobile Devices
2014	PHYSICAL OPTICS CORPORATION	Magnetic Through-the-Earth Miner Transceiver for Emergency Communications
2014	ACCENTS ON HEALTH	Restaurant training to improve menu labeling accuracy & public health impact
2014	ACCENTS ON HEALTH	Increasing the supply and demand of healthful kids meals
2014	3-C INSTITUTE FOR SOCIAL DEVELOPMENT	Interactive online capacity building for positive youth development
2014	BETTERGY CORP.	Alternate power sources for assistive devices in emergencies
2014	REFLEXION HEALTH, INC.	SBIR Phase II: Stand Tall- A Virtual Exercise Rehabilitation Assistant (VERA)
2014	POSITIVEMOTION, LLC	SBIR Phase II: Development of a stand based school desk to reduce childhood obesity
2014	3-C INSTITUTE FOR SOCIAL DEVELOPMENT	SBIR Phase II: Mobile technology & online tools to track adherence in chronic illness patients
2014	SIMMERION, LLC	SBIR Phase II: Virtual role-plays to reduce the occurrence of childhood obesity
2015	BIOMATRICA, INC.	Development and application of a liquid reagent drying system for CDC HIV-1 PanGroup M genotyping Assay reagents
2015	RIGHT ANSWER.COM, INC.	Improving drug safety for pregnant women by delivering current & authoritative information via mobile devices

2015	ACCENTS ON HEALTH, INC.	Evaluating the Effectiveness of a personalized texting system for restaurant meals.
2015	INNOVATIONS IN SAFETY, LLC	A Smoke Alarm that Effectively Awakens Children from Sleep and Prompts Escape
2015	MINNESOTA HEALTHSOLUTIONS CORPORATION	An Informatics Approach to Preventing Distracted Driving
2015	ASHWIN-USHAS CORPORATION, INC.	Electrochromatic + Anti-Fog Personal-Protective Eyewear (PPE) Based on Unique, Very Low Power Conductive Coatings and Leveraging Unique Military-Qualified Electrochromic Eyewear Technology
2015	REFLEXION HEALTH, INC.	SBIR Phase II: Stand Tall- A Virtual Exercise Rehabilitation Assistant (VERA)
2015	KLEIN BUENDEL, INC.	SBIR Phase II: Location based smartphone technology to guide college students -Healthy Choices